

EXPRESS MAIL LABEL NO. EV314044177US

DATED: 28 JANUARY 2004

ATTORNEY DOCKET: MICI 1002-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Inventors:

C. Brent Dane et al.

Application No.: _____

Filed: **28 January 2004 (herewith)**

Title: **Stimulated Brillouin Scattering Mirror System,
High Power Laser and Laser Peening Method
and System Using Same**

Group Art Unit: **unknown**

Examiner: **unknown**

Customer No. 22470

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the 05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed within three months of the filing date of an application other than a continued prosecution application under 37 C.F.R. 1.53(d).

Fee Authorization. The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (MICI 1002-3). A copy of this authorization is enclosed.

Respectfully submitted,

HAYNES BEFFEL & WOLFELD LLP

Date: 28 Jan 04

By: 

Mark A. Haynes, Reg. No. 30,846

HAYNES BEFFEL & WOLFELD LLP

P.O. Box 366

Half Moon Bay, CA 94019

Telephone: (650) 712-0340

Facsimile: (650) 712-0263

EXPRESS MAIL LABEL NO. EV314044177US

DATED: 28 JANUARY 2004

ATTORNEY DOCKET: MICI 1002-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Inventors:

C. Brent Dane et al.

Application No.: _____

Filed: **28 January 2004 (herewith)**

Title: **Stimulated Brillouin Scattering Mirror System,
High Power Laser and Laser Peening Method
and System Using Same**

Group Art Unit: **unknown**

Examiner: **unknown**

Customer No. 22470

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56.

Enclosed with this statement is a Form PTO-SB/08. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. 609.

Also enclosed with this statement is a copy of each cited document as required by 37 C.F.R. 1.98. The exception to this, in accordance with the '05 August 2003 Official Gazette Notice in which the USPTO waives the requirement for submitting copies of U.S. Patent and Publications for cases filed after 30 June 2003, is that copies of U.S. Patent documents and copies of U.S. Patent publications are not being submitted.

This statement should be considered under 37 C.F.R. 1.97(b) because it is being filed within three months of the filing date of an application other than a continued prosecution application under 37 C.F.R. 1.53(d).

Fee Authorization. The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869 (MICI 1002-3). A copy of this authorization is enclosed.

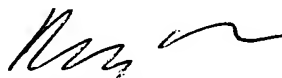
Respectfully submitted,

HAYNES BEFFEL & WOLFELD LLP

Date: _____

28 Jan 04

By: _____



Mark A. Haynes, Reg. No. 30,846

HAYNES BEFFEL & WOLFELD LLP

P.O. Box 366

Half Moon Bay, CA 94019

Telephone: (650) 712-0340

Facsimile: (650) 712-0263

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Compl te If Known	
	Application Number			
	Filing Date	28 January 2004 (herewith)		
	First Named Inventor	C. Brent Dane et al.		
	Group Art Unit			
	Examiner Name			
Sheet	1	of	2	Attorney Docket Number MICI 1002-3

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,022,033		Hackell	06-04-1991	
	A2	5,239,408		Hackel et al.	08-24-1993	
	A3	5,689,363		Dane et al.	11-18-1997	
	A4	6,198,069		Hackel et al.	03-06-2001	
	A5					
	A6					
	A7					
	A8					
	A9					
	A10					
	A11					
	A12					
	A13					
	A14					
	A15					
	A16					
	A17					
	A18					
	A19					
	A20					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1							
	B2							
	B3							
	B4							
	B5							
	B6							
	B7							
	B8							
	B9							
	B10							

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<div style="display: flex; justify-content: space-between;"><div>Substitute for form 1449B/PTO</div><div>Complete if Known</div></div> <div style="display: flex; justify-content: space-between;"><div style="width: 45%; text-align: center;"><h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2><p style="margin: 5px 0 0 0;">(use as many sheets as necessary)</p></div><div style="width: 50%; border: 1px solid black; padding: 2px;"><table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 40%;">Application Number</td><td></td></tr><tr><td>Filing Date</td><td>28 January 2004 (herewith)</td></tr><tr><td>First Named Inventor</td><td>C. Brent Dane et al.</td></tr><tr><td>Group Art Unit</td><td></td></tr><tr><td>Examiner Name</td><td></td></tr><tr><td>Attorney Docket Number</td><td>MICI 1002-3</td></tr></table></div></div>				Application Number		Filing Date	28 January 2004 (herewith)	First Named Inventor	C. Brent Dane et al.	Group Art Unit		Examiner Name		Attorney Docket Number	MICI 1002-3
Application Number															
Filing Date	28 January 2004 (herewith)														
First Named Inventor	C. Brent Dane et al.														
Group Art Unit															
Examiner Name															
Attorney Docket Number	MICI 1002-3														

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	FAIRAND, B.P. et al., "Laser shock-induced microstructural and mechanical property changes in 7075 aluminum," J. Appl. Phys. 43(9) (Sept 1972) 3893-3895.	
	C2	3M Fluorinert Liquids Product Information, 4 pages	
	C3	CROFTS, G.J., et al., "Experimental and theoretical investigation of two-cell stimulated-Brillouin-scattering systems," J. Opt. Soc. Am. B 8(11) (Nov 1991) 2282-2288.	
	C4	DANE, C.B. et al., "Design and Operation of a 150 W Near Diffraction-Limited Laser Amplifier with SBS Wavefront Correction," IEEE Journal of Quantum Electronics 31(1) (Jan 1995) 148-162.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.